上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co.， Ltd
电话：400-666-5481　传真：021-55068248
网址：www.shyuanye.com
邮箱：3008007435@qq.com

YODi-1，DNA和染色质复染剂

KEY PARAMETERS

Fluorescence microscope

Excitation　FITC filter set

Emission　FITC filter set

Recommended plate　Black wall/clear bottom

Instrument specification(s)　FITC filter set

PREPARATION OF WORKING SOLUTION

DiYO-1 working solution

Make DiYO-1 working solution in Hanks with 20 mM Hepes buffer (HH buffer) or buffer of your choice at your desired concentration.Note In initial experiments, it may be best to try several dye concentrations todetermine the optimal concentration that yields the desired result. High dye concentration tends to cause nonspecific staining of other cellular structures.

SAMPLE EXPERIMENTAL PROTOCOL

Caution: The following protocol can be adapted for most cell types. Growth medium, cell density, the presence of other cell types and factors may influence staining. Residual detergent on glassware may also affect staining of many organisms, and cause brightly stained material to appear in solutions with or without cells present.

1.Grow and treat cells as desired.

2.Remove the cell culture medium and fix cells.

3.Add DiYO-1 working solution (1 to 10 μM) into the cells (either suspension or adherent cells), and stain the cells for 15 to 60minutes.

4.Remove the dye working solution and add HH buffer or buffer of your choice.

5.Analyze the cellular staining with a fluorescence microscope using FITC filter.

EXAMPLE DATA ANALYSIS AND FIGURES

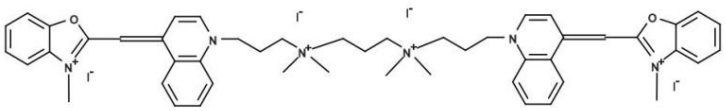

Figure 1. Chemical structure for DiYO-1 [equivalent to YOYO-1] *5 mM DMSO Solution*